

Minoru Nagano

List of Publications by Year in descending order

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14
papers

472
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1040056

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Plasma Membrane Microdomains Are Essential for Rac1-RbohB/H-Mediated Immunity in Rice. <i>Plant Cell</i> , 2016, 28, 1966-1983.	6.6	109
2	Functional association of cell death suppressor, Arabidopsis Bax inhibitor-1, with fatty acid 2-hydroxylation through cytochrome <i>b5</i> . <i>Plant Journal</i> , 2009, 58, 122-134.	5.7	75
3	Arabidopsis Sphingolipid Fatty Acid 2-Hydroxylases (AtFAH1 and AtFAH2) Are Functionally Differentiated in Fatty Acid 2-Hydroxylation and Stress Responses. <i>Plant Physiology</i> , 2012, 159, 1138-1148.	4.8	74
4	Arabidopsis Bax inhibitor-1 promotes sphingolipid synthesis during cold stress by interacting with ceramide-modifying enzymes. <i>Planta</i> , 2014, 240, 77-89.	3.2	46
5	Ethylene Biosynthesis Is Promoted by Very-Long-Chain Fatty Acids during Lysigenous Aerenchyma Formation in Rice Roots. <i>Plant Physiology</i> , 2015, 169, 180-193.	4.8	46
6	An Arabidopsis NAC domain transcription factor, ATAF2, promotes age-dependent and dark-induced leaf senescence. <i>Physiologia Plantarum</i> , 2020, 170, 299-308.	5.2	29
7	Biophysical analysis of the plant-specific GIPC sphingolipids reveals multiple modes of membrane regulation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100602.	3.4	24
8	Metabolomic analysis of NAD kinase-deficient mutants of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Plant Physiology</i> , 2016, 205, 105-112.	3.5	16
9	Sphingolipids with 2-hydroxy fatty acids aid in plasma membrane nanodomain organization and oxidative burst. <i>Plant Physiology</i> , 2022, 189, 839-857.	4.8	13
10	An NAC domain transcription factor ATAF2 acts as transcriptional activator or repressor dependent on promoter context. <i>Plant Biotechnology</i> , 2018, 35, 285-289.	1.0	12
11	Arabidopsis Bax inhibitor-1 interacts with enzymes related to very-long-chain fatty acid synthesis. <i>Journal of Plant Research</i> , 2019, 132, 131-143.	2.4	11
12	Plant sphingolipid fatty acid 2-hydroxylases have unique characters unlike their animal and fungus counterparts. <i>Plant Signaling and Behavior</i> , 2012, 7, 1388-1392.	2.4	7
13	Plant-Unique cis/trans Isomerism of Long-Chain Base Unsaturation is Selectively Required for Aluminum Tolerance Resulting from Glucosylceramide-Dependent Plasma Membrane Fluidity. <i>Plants</i> , 2020, 9, 19.	3.5	7
14	Generation of Arabidopsis lines with a red fluorescent marker for endoplasmic reticulum using a tail-anchored protein cytochrome b5-B. <i>Plant Signaling and Behavior</i> , 2020, 15, 1790196.	2.4	3